ABSTRACT

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Anthraquinones are described which are antihelminthic and in particular, are useful in compositions for inhibiting *Schistosoma* sp. in vitro or in vivo. The preferred anthraquinones have the formula:

wherein R₁, R₂, R₃, and R₄ are each hydrogen, hydroxy, halogen, alkyl, substituted alkyl, alkene, substituted alkene, alkyne, aryl, substituted aryl, cyclic, substituted cyclic, acid group, carbohydrate, or combination thereof, R is a group containing 1 to 12 carbons such as methyl, alkyl, substituted alkyl, aldehyde, hydroxy, hydroxymethyl, acid group, carbohydrate, or combination thereof, and the halogen is I, F, Br, or Cl.